

ABSTRACT OF DISCLOSURE

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2 A redundant ^{array} ~~arrays~~ of inexpensive disks (RAID) system includes a plurality of defect-
3 adaptive memory devices for sequentially storing information needed for data recovery in a
4 predetermined region of a recording medium in the form of block, and storing data in a region other
5 than the predetermined region. A plurality of caches are connected to the adaptive memory devices
6 to store information blocks needed for data recovery, the information blocks being read from a
7 predetermined memory device. A controller is connected to each adaptive memory device and cache
8 to control the writing and reading of data and information needed for data recovery in each memory
9 device, calculate information needed for recovery of data read from each memory device, and store
10 the information needed for recovery of data calculated in a predetermined cache.

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